



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

(UGC AUTONOMOUS)

Accredited by NBA & NAAC

Bhaskar Nagar, Moinabad Mandal, R.R. District, Hyderabad -500075

Department of Electronics and Computer Engineering

ECHOS STUDENT CLUB

Name of Event: ROBO WARS (ROBO SOCCER AND ROBO SUMO)

Event Date: 01st March 2025

Details of the Event:

ECHOS Student Club of Department of Electronics and Computer, JBIET organized ROBOWARS with two competitions ROBOSUMO and ROBOSOCER. The event was inaugurated by Dr. Narsappa Reddy, HOD, ECM. Other Faculty members of the department were also present during the event. Mrs. Kiran Pakmode, Assistant Professor, ECM was the coordinator for this event.

Description:

ROBO WARS is a competition where students build small remote-controlled robots and compete against each other in an arena. Students design and construct their robots using materials like metal, plastic and electronics components. They often incorporate motors, wheels, sensors, and weapons to make their robots sturdy and competitive. During the event, teams pit their robots against each other in head-to-head battles. The goal is to disable or immobilize opponent's robots while keeping their own robot operational.

ROBO SUMO: In this competition all the audiences witnessed the intensity of the ROBO SUMO, where two teams battle head-to-head to push their opponent's bot out of the ring. Teams control their customized bots manually, using either wired or wireless methods, in a fierce showdown of strategy and strength. The team to successfully knock the opponent's bot off the ring earns points and comes closer to victory.

ROBO SOCCER: In this two-on-two driver control competition, your robot will play on a team with a second robot. Together, you will try to score as many goals as possible by moving the cube into the opposing team's goal. Each match is 60 seconds of playing time, and the timer will stop after each goal to reset the robots and cube on the Field. The team with the most goals at the end of the match wins!

Total no. of teams registered: 03

No. of members per team: 02

Registration fee

Per Team: - Rs. 600/- (ROBO SOCCER), Rs. 600/- (ROBO SUMO)

Combo offer: Rs. 1000/- (ROBO SOCCER + ROBO SUMO)

Winners and Prizes:

For ROBO SOCCER

Marri Laxman Reddy Institute of Technology, Hyderabad: **1st Prize: Rs.5000/-**

CMR Institute of Engineering & Technology, Hyderabad: **2nd Prize: Rs. 3500/-**

For ROBO SUMO

Marri Laxman Reddy Institute of Technology, Hyderabad: **1st Prize: Rs.5000/-**

CMR Institute of Engineering & Technology, Hyderabad: **2nd Prize: Rs. 3500/-**

Photographs of the Event:



Inauguration of the ROBOWARS Event



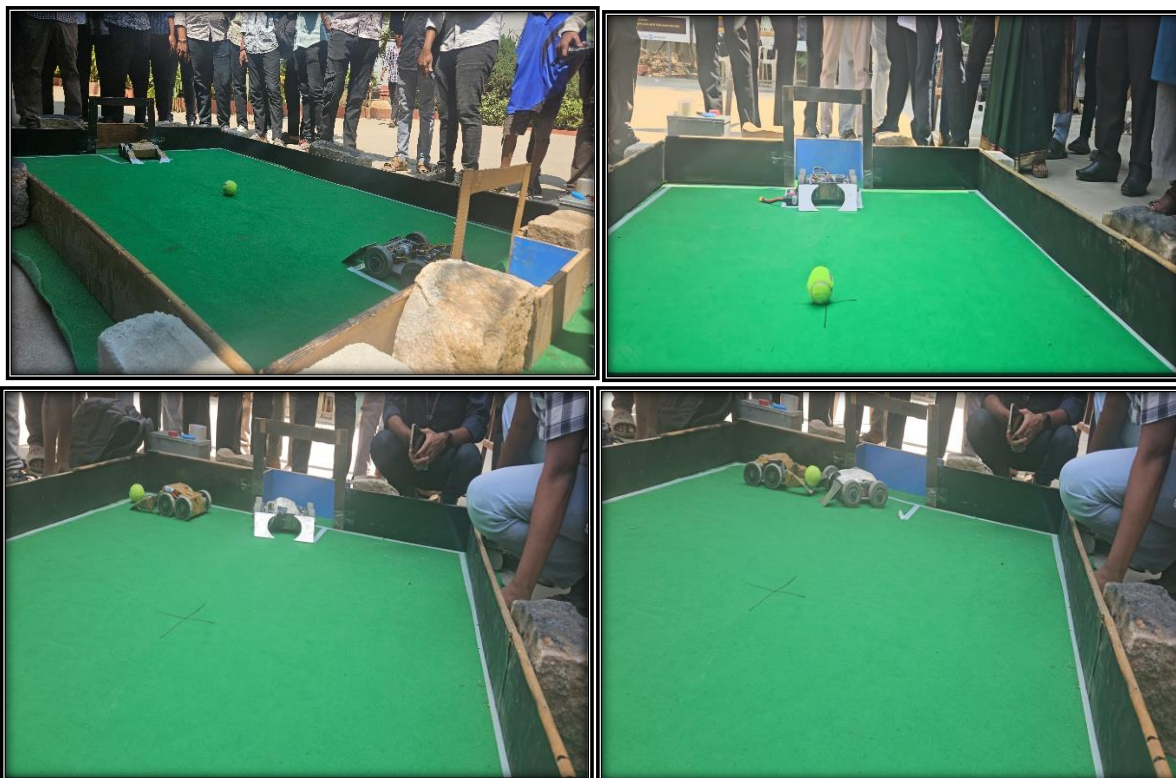
Inauguration of the ROBOWARS Event



Prize Distribution



Glimpses of Robo Sumo



Glimpses of Robo Soccer





Campaigning of the Event in other institutes by ECM Students